

FIG. 1A

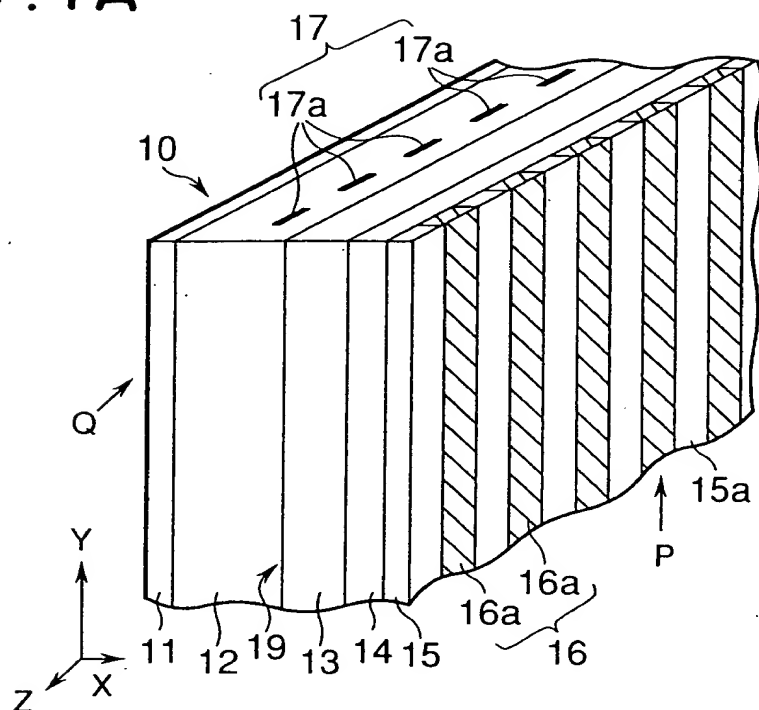


FIG. 1B

X-Z SECTION

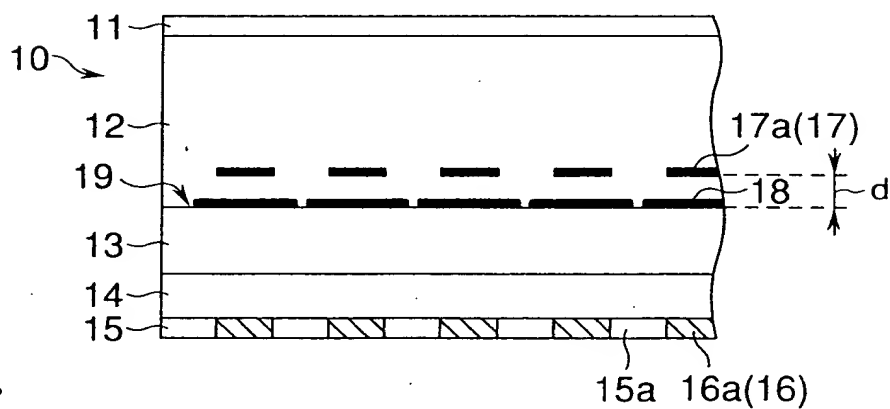


FIG. 1C

X-Y SECTION

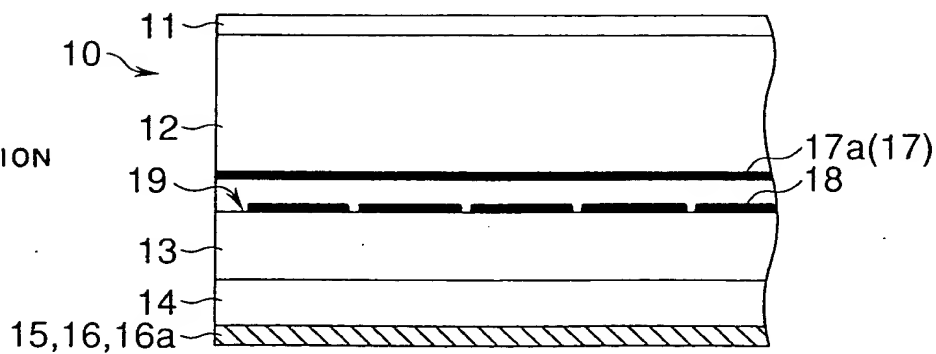


FIG. 2A

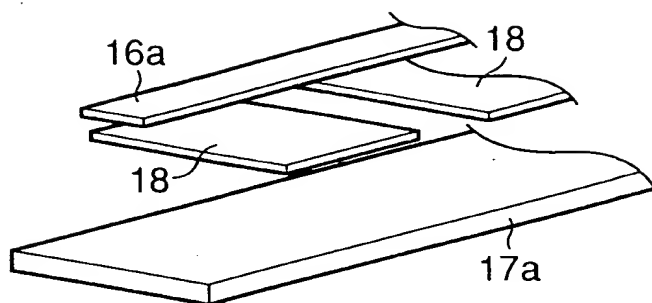
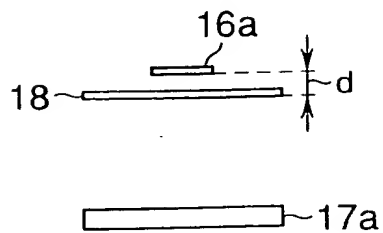


FIG. 2B

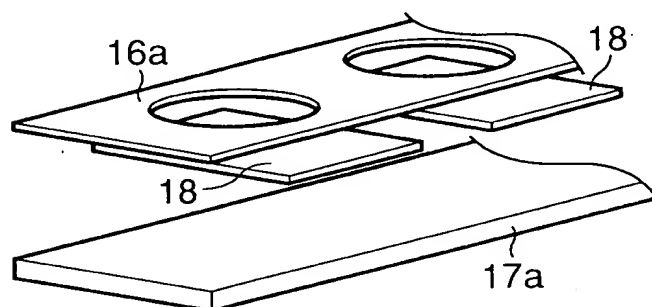
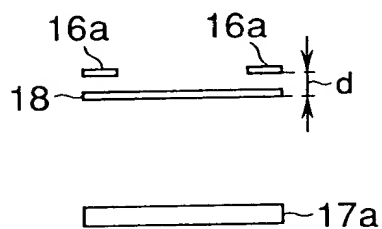


FIG. 2C

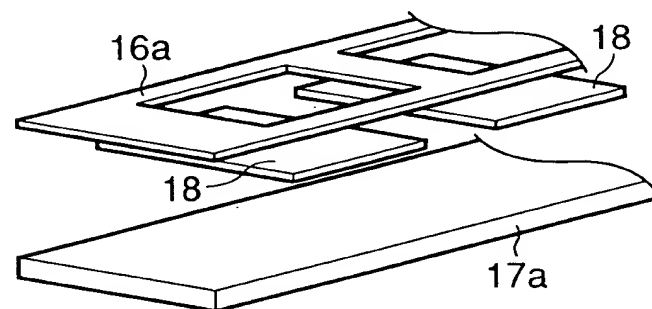
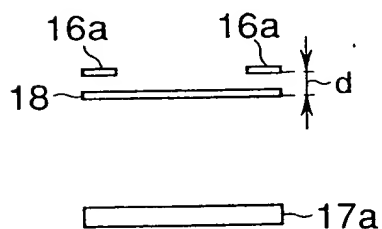


FIG. 2D

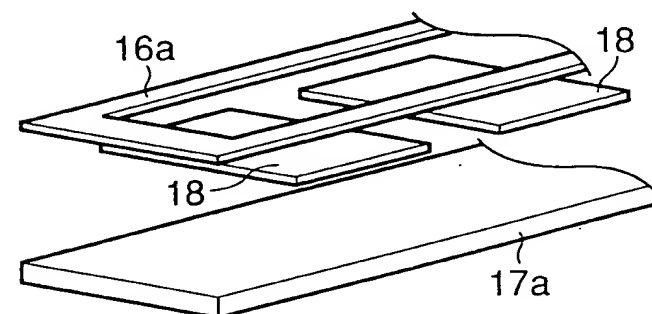
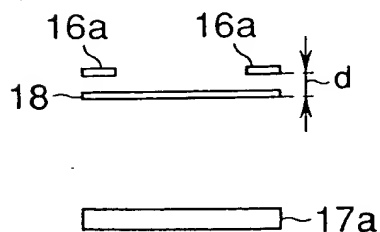


FIG. 3A

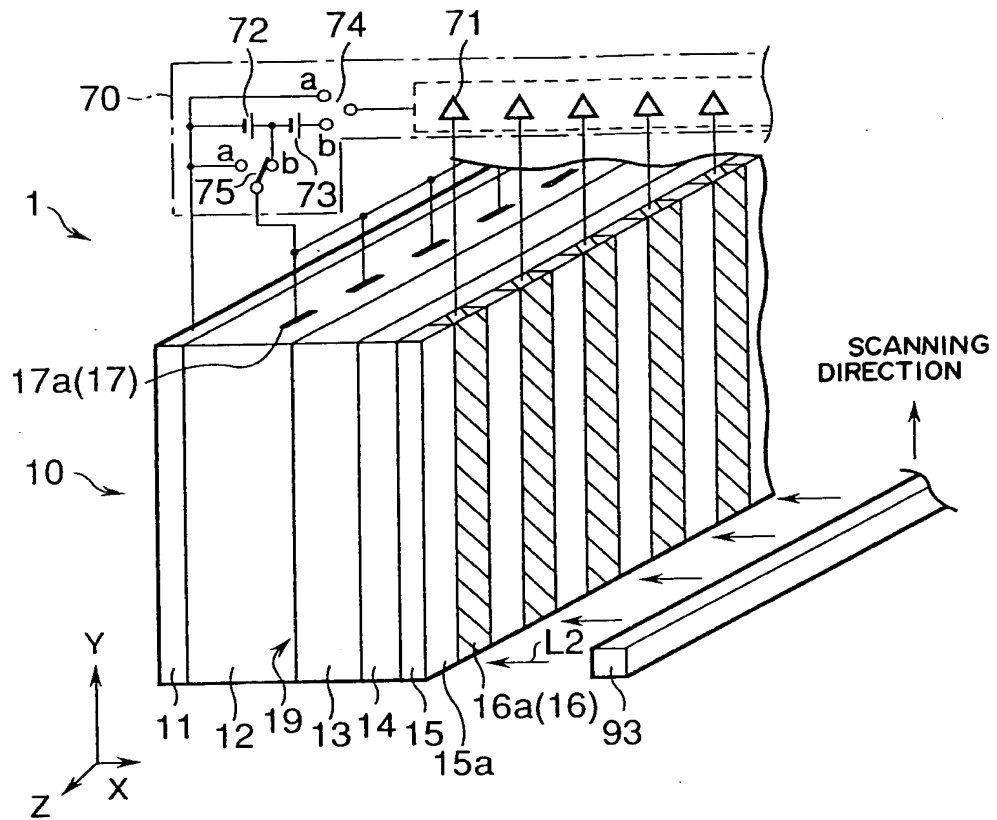


FIG. 3B

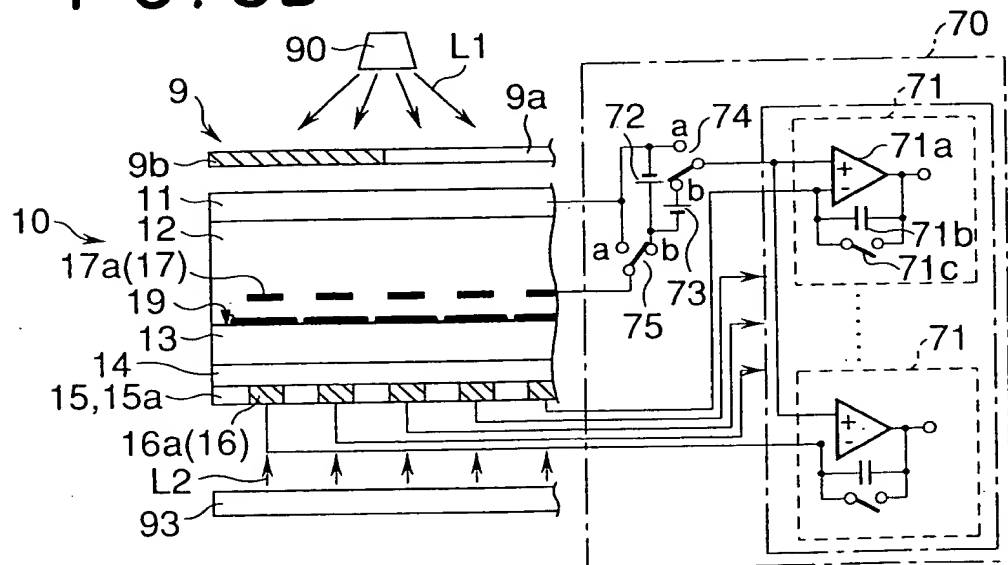


FIG. 4A

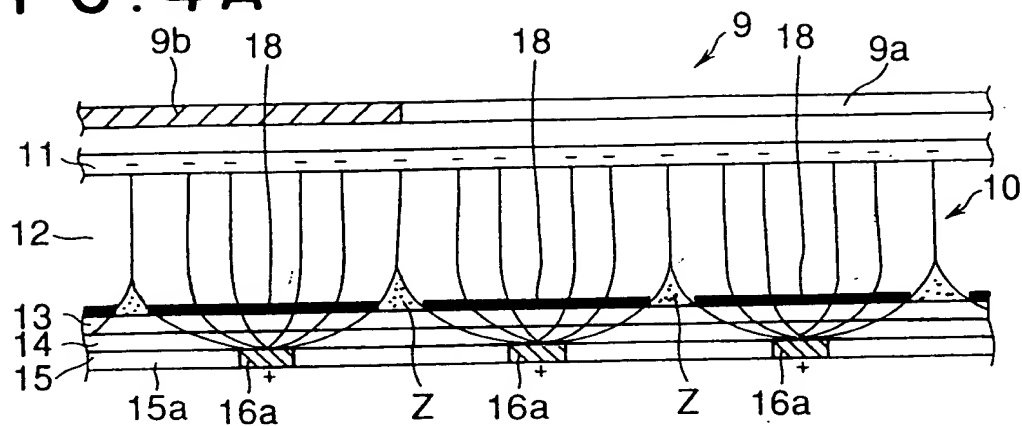


FIG. 4B

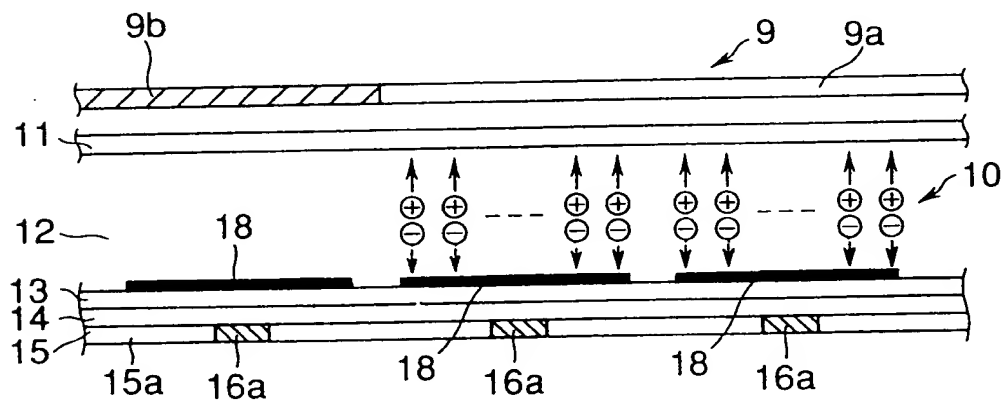


FIG. 4C

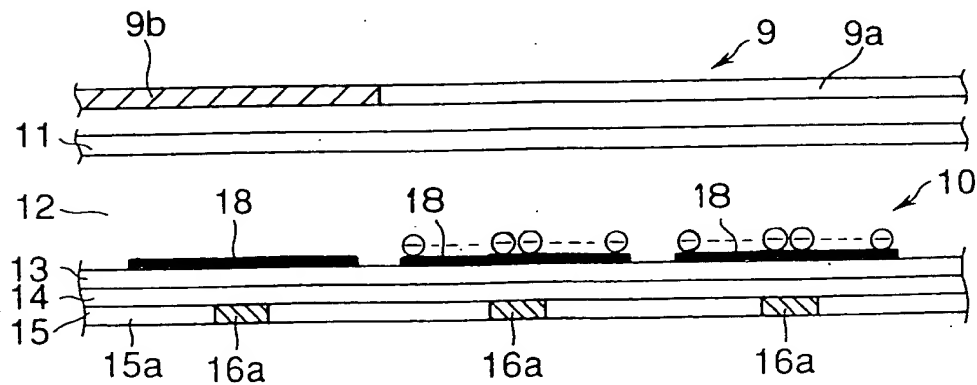


FIG. 5A

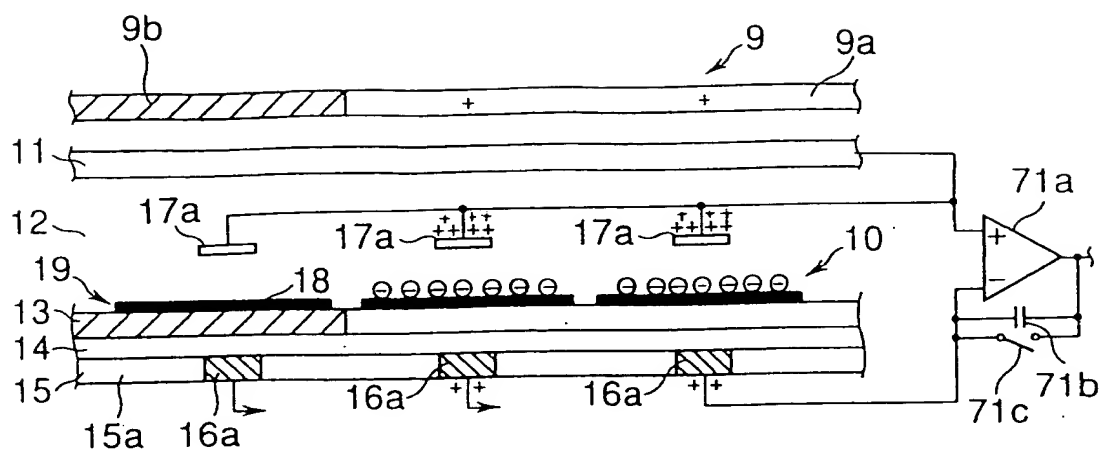


FIG. 5B

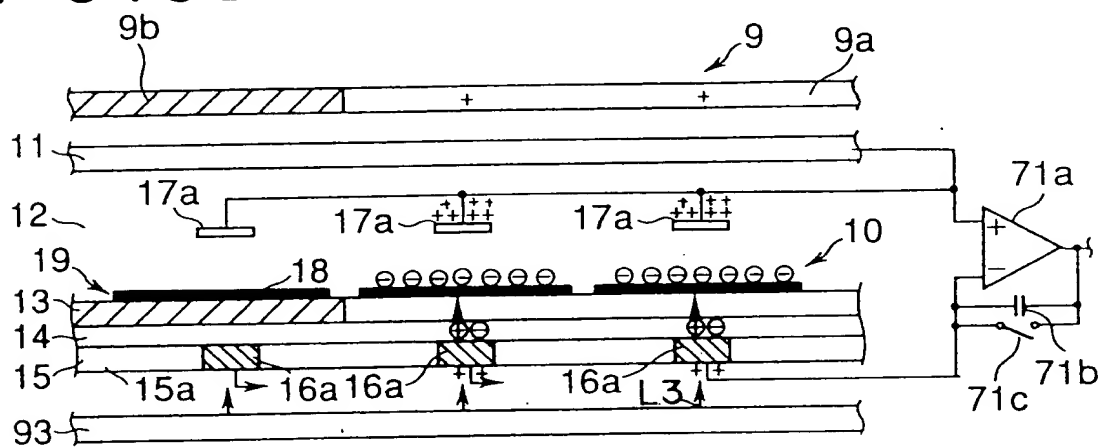


FIG. 5C

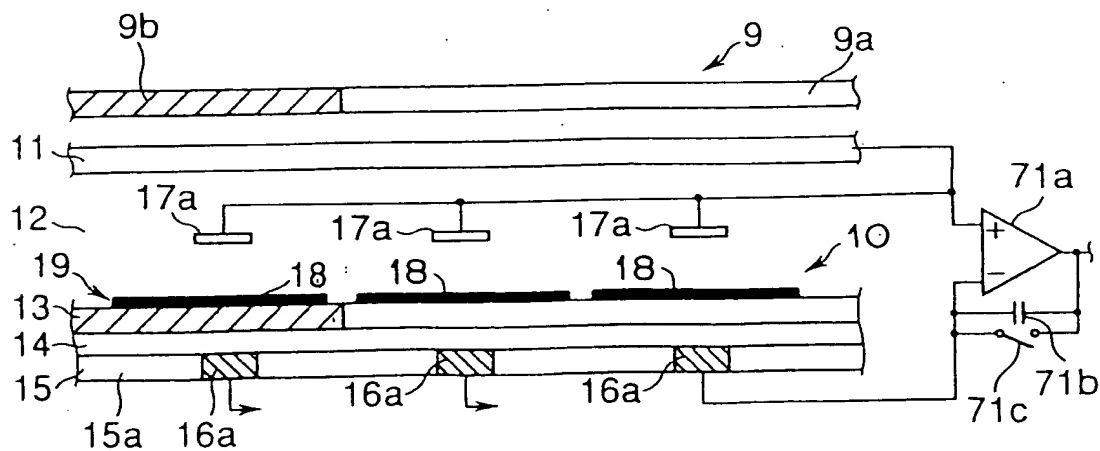


FIG. 6

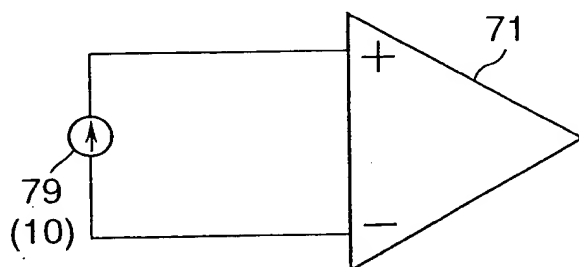


FIG. 7A

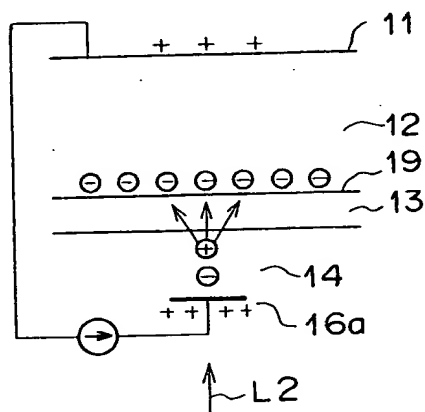


FIG. 7B

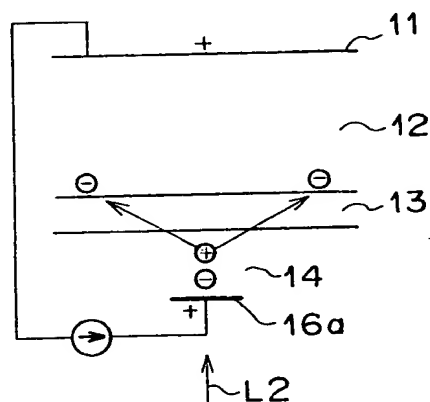


FIG. 7C

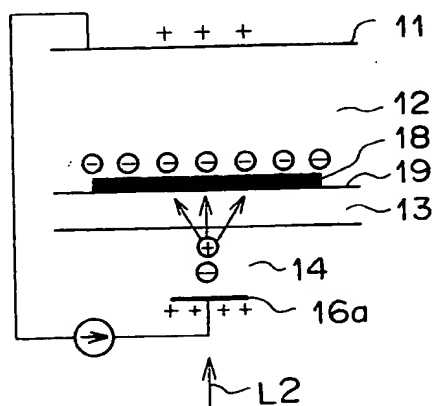


FIG. 7D

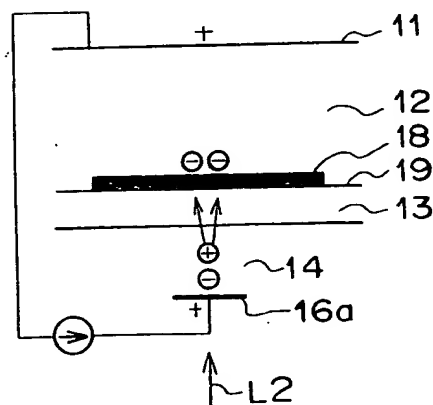
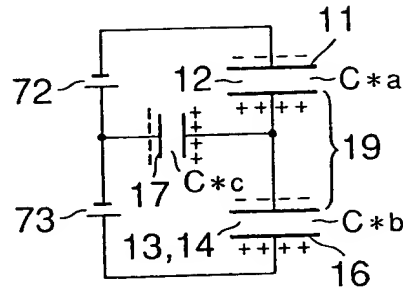


FIG. 8A



PERMEATING
PORTION

SHADING
PORTION

FIG. 8B

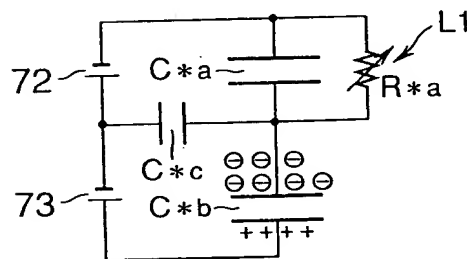


FIG. 8E

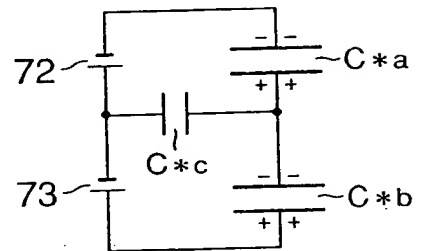


FIG. 8C

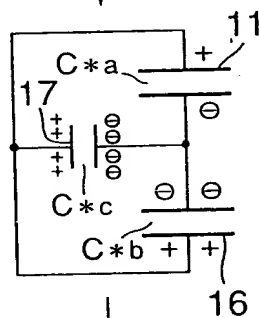


FIG. 8F

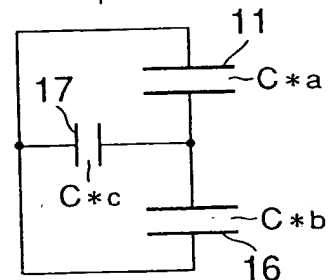


FIG. 8D

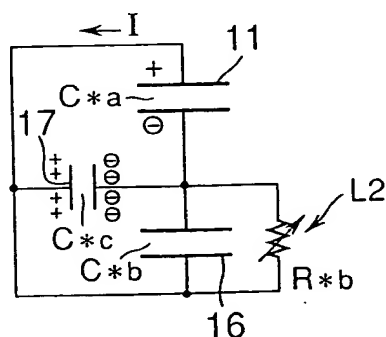
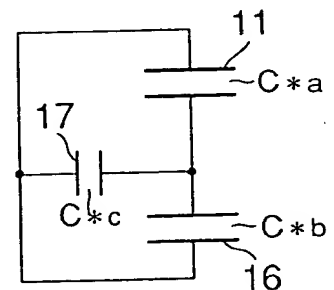
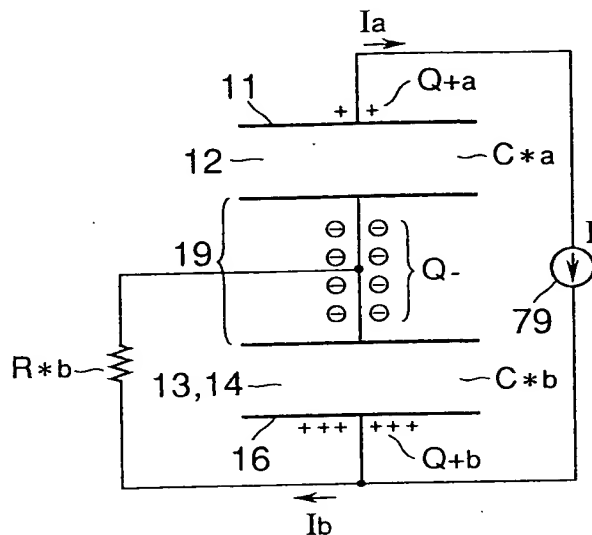


FIG. 8G



F I G . 9 A



$$C_a \ll C_b$$

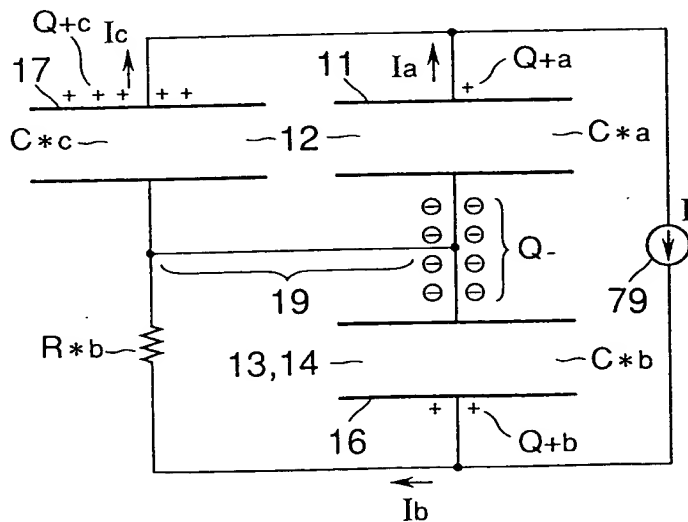
$$Q_- = Q_+ \\ = Q_{+a} + Q_{+b}$$

$$Q_{+a} = Q_+ \times \frac{C_a}{C_a + C_b}$$

$$Q_{+b} = Q_+ \times \frac{C_b}{C_a + C_b}$$

$$I = I_a$$

F I G . 9 B



$$C_a \ll C_c$$

$$C_b < C_c$$

$$Q_- = Q_+ \\ = Q_{+a} + Q_{+b} + Q_{+c}$$

$$Q_{+a} = Q_+ \times \frac{C_a}{C_a + C_b + C_c}$$

$$Q_{+b} = Q_+ \times \frac{C_b}{C_a + C_b + C_c}$$

$$Q_{+c} = Q_+ \times \frac{C_c}{C_a + C_b + C_c}$$

$$I = I_a + I_c$$



FIG. 11A

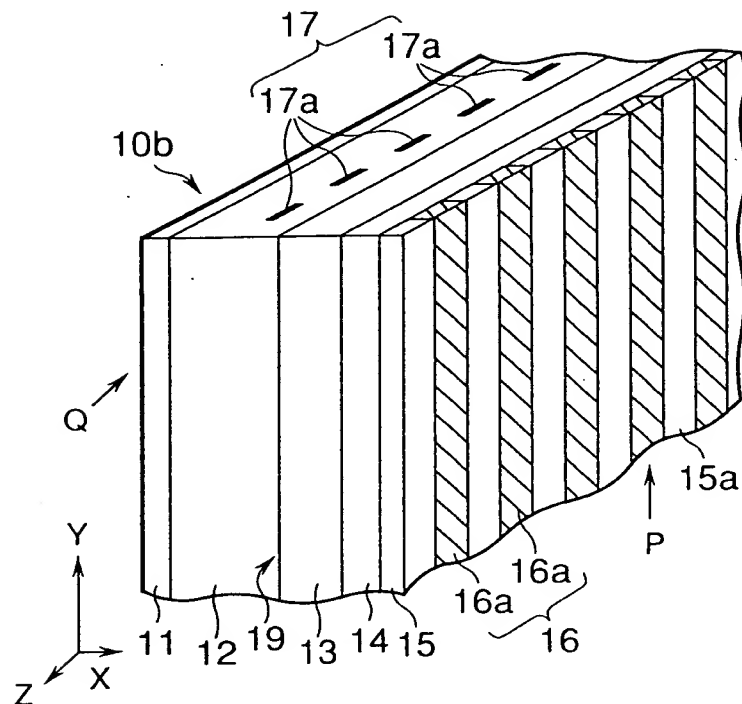


FIG. 11B

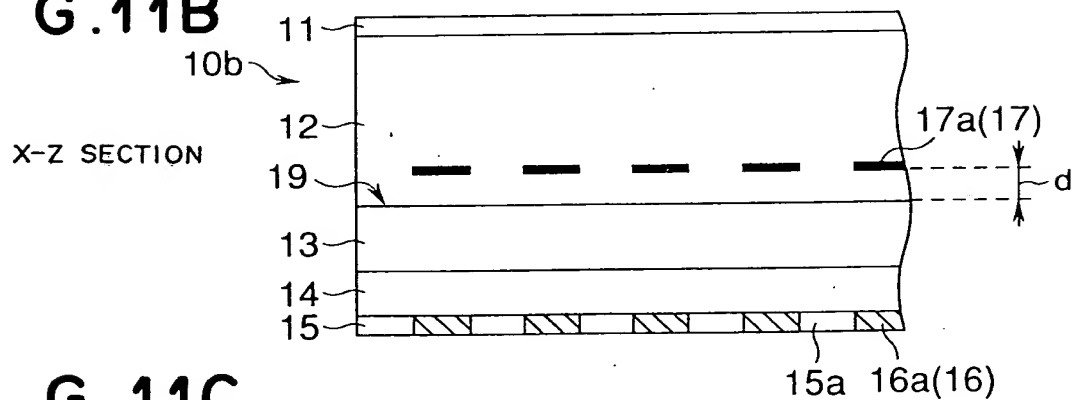


FIG. 11C

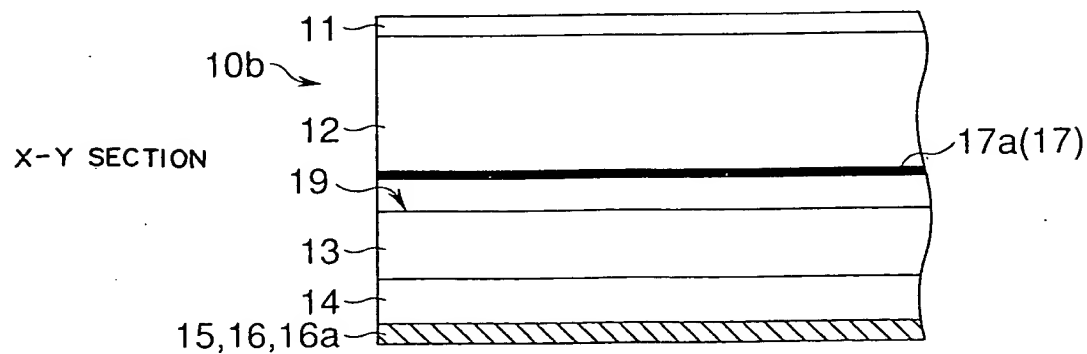


FIG. 12A

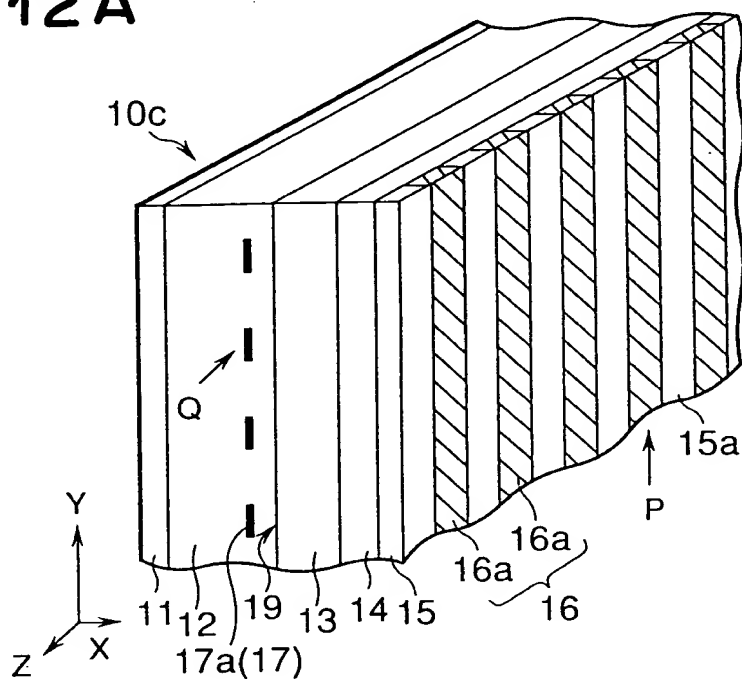


FIG. 12B

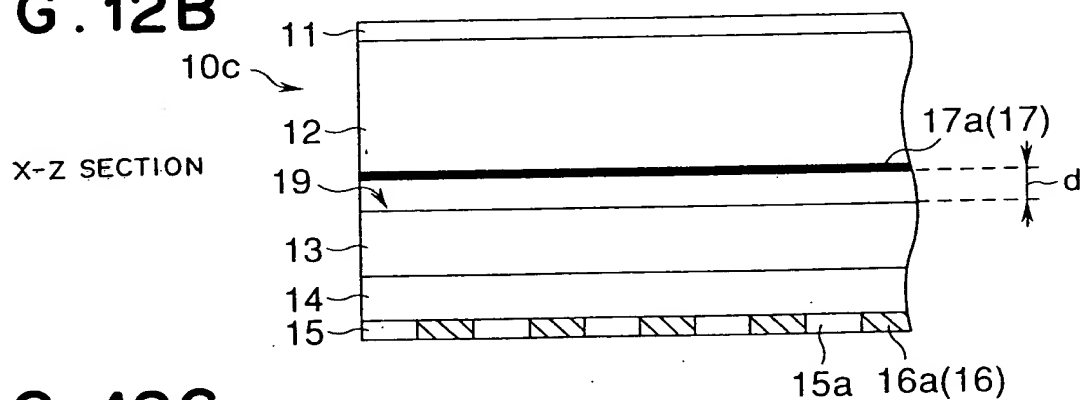
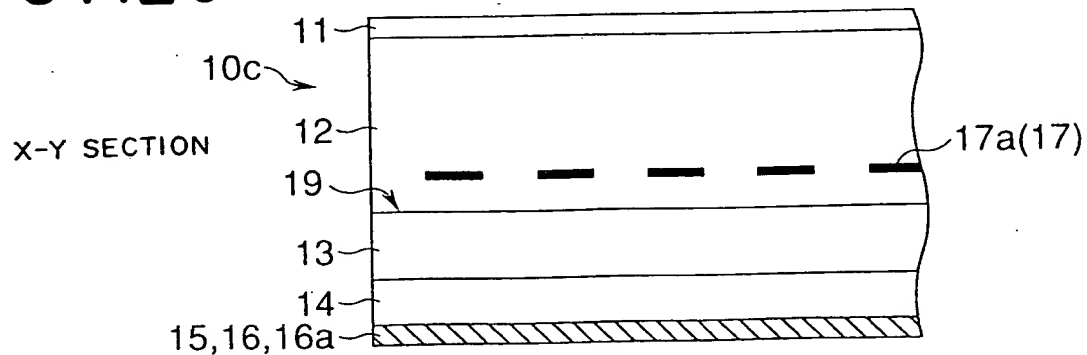
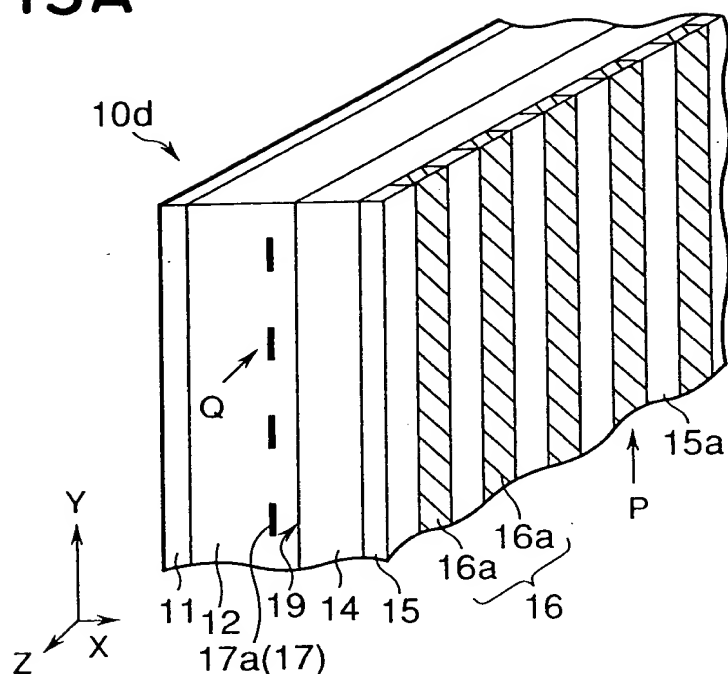


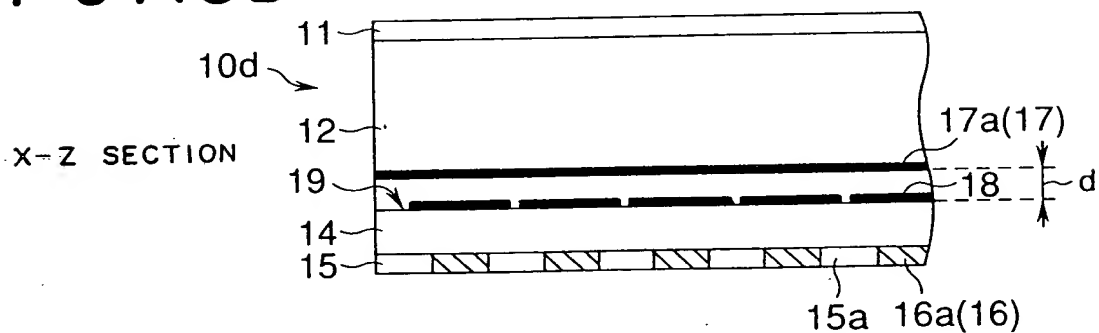
FIG. 12C



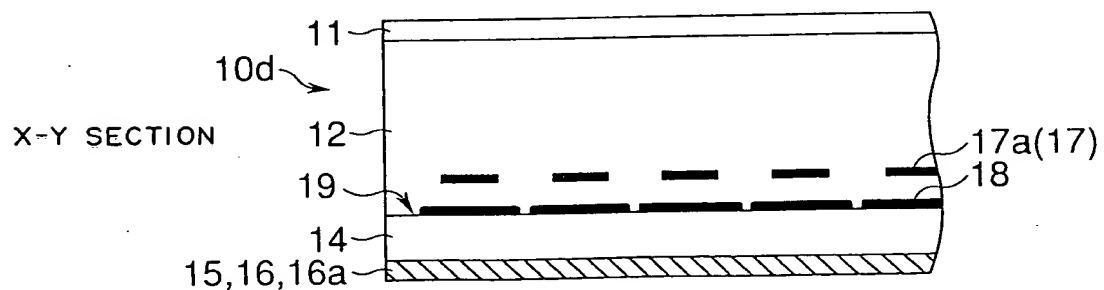
F I G . 13 A

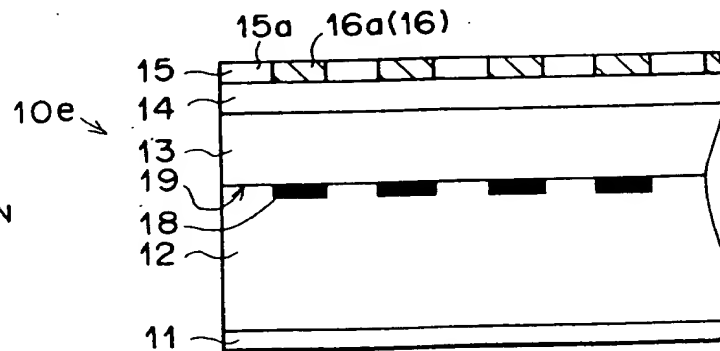


F I G . 13 B

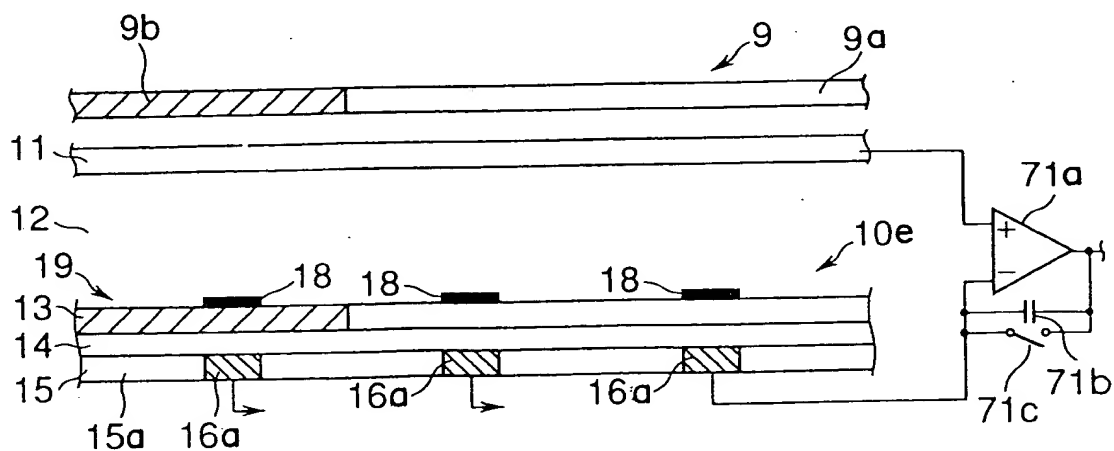


F I G . 13 C



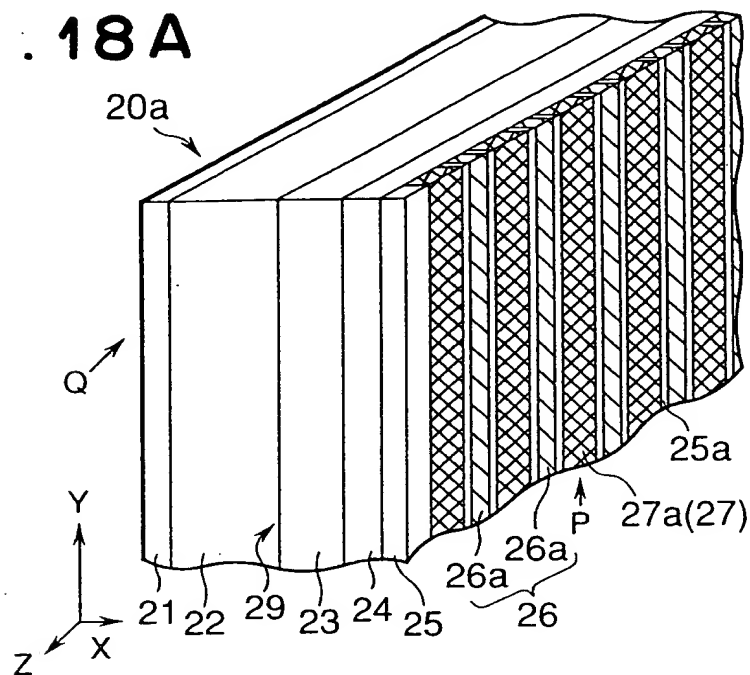


$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$



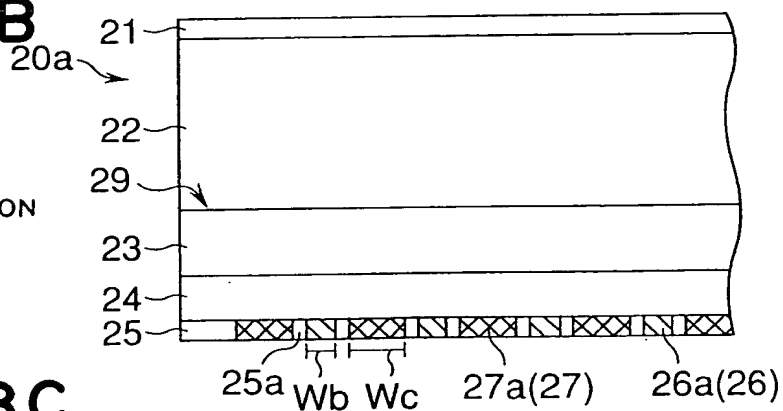


F I G . 18 A



F I G . 18 B

X-Z SECTION



F I G . 18 C

X-Y SECTION

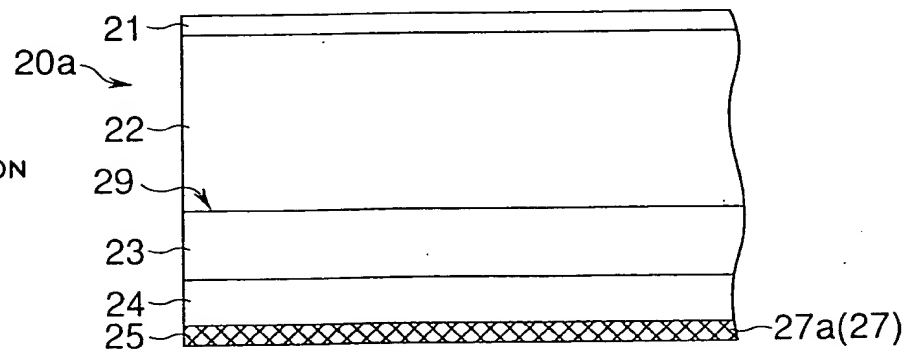


FIG. 19A

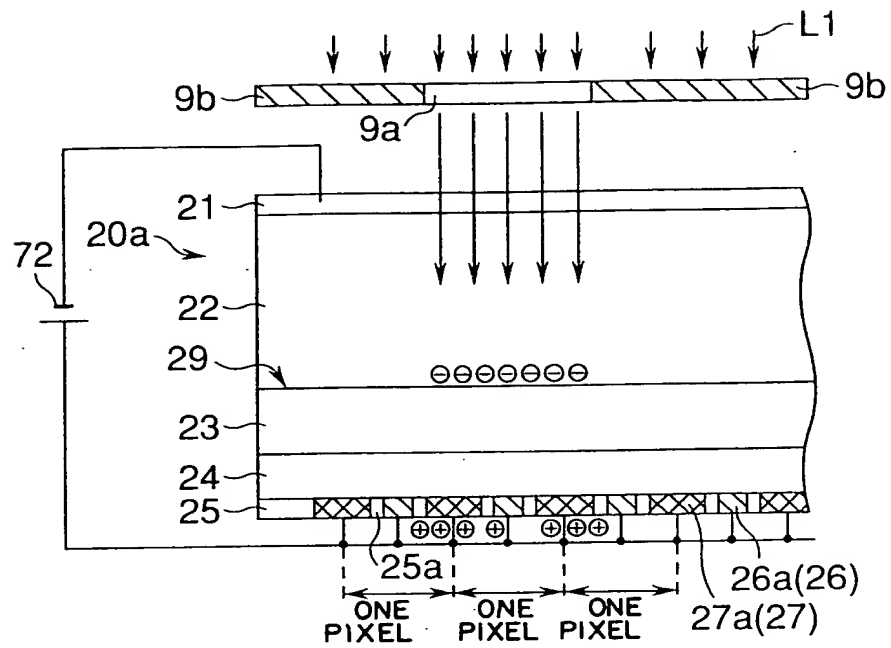


FIG. 19B

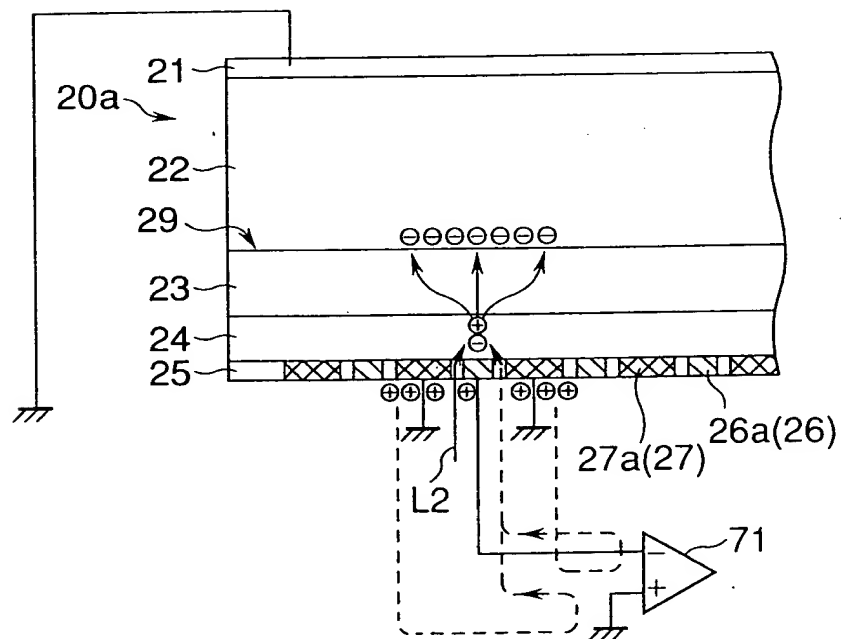


FIG. 21A

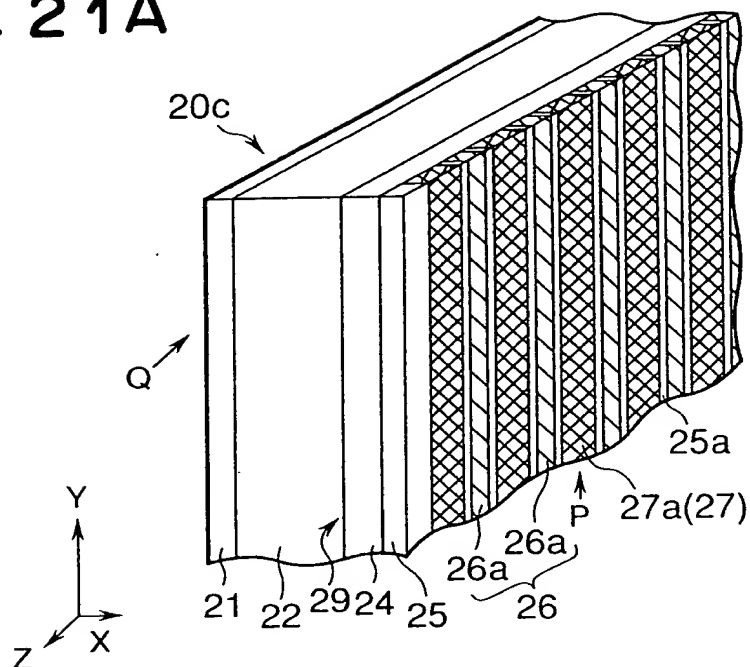


FIG. 21B

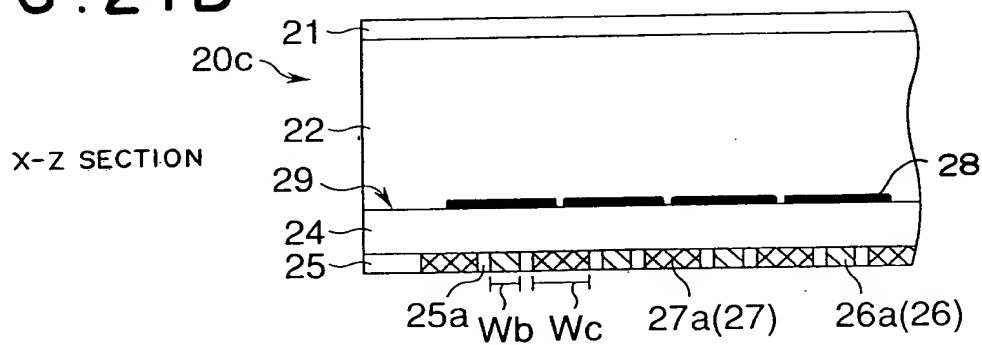
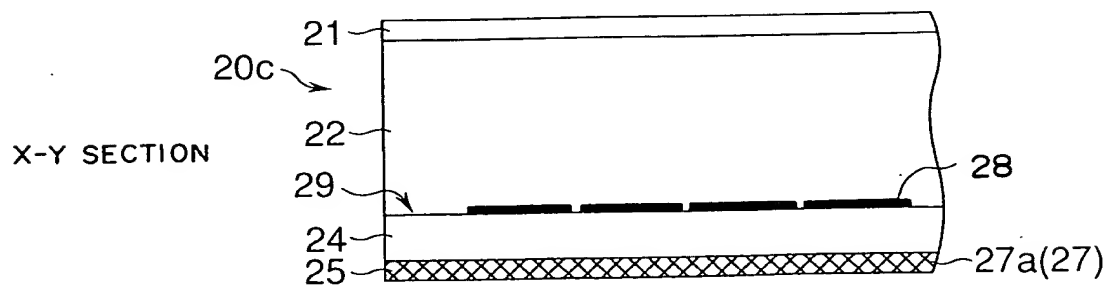
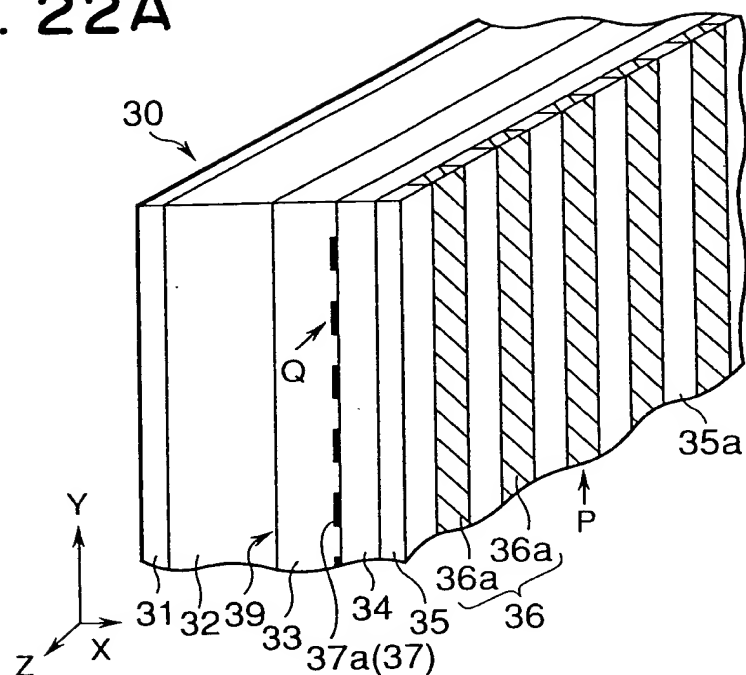


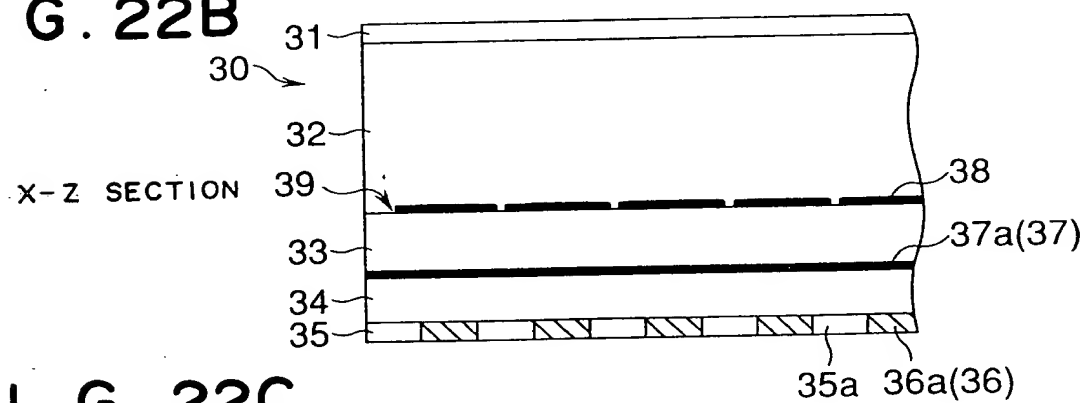
FIG. 21C



THE UNIVERSITY OF CHICAGO



F I G. 22B



F I G . 22C

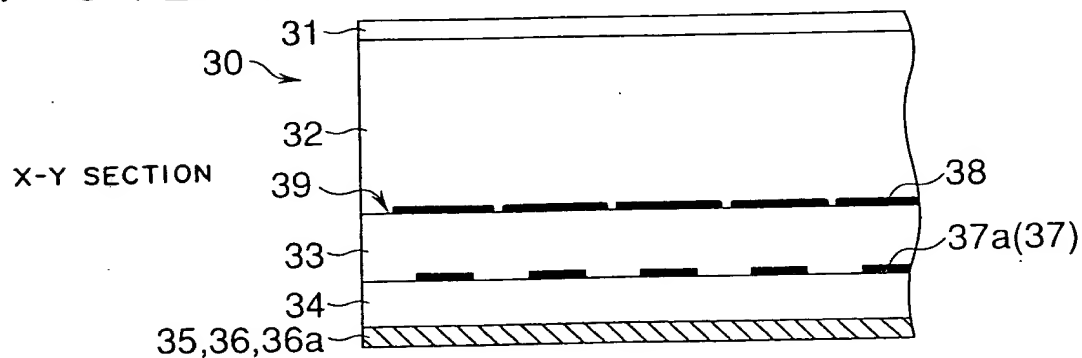


FIG. 23A

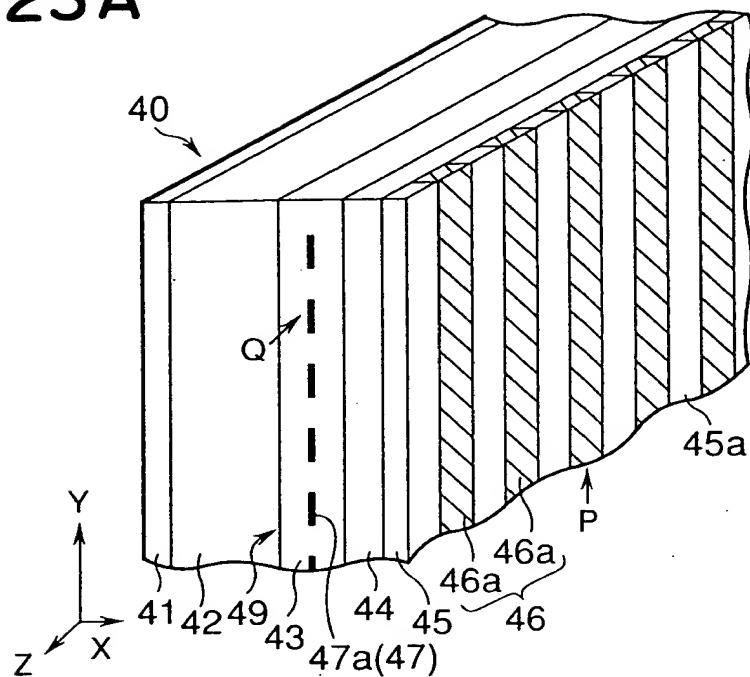


FIG. 23B

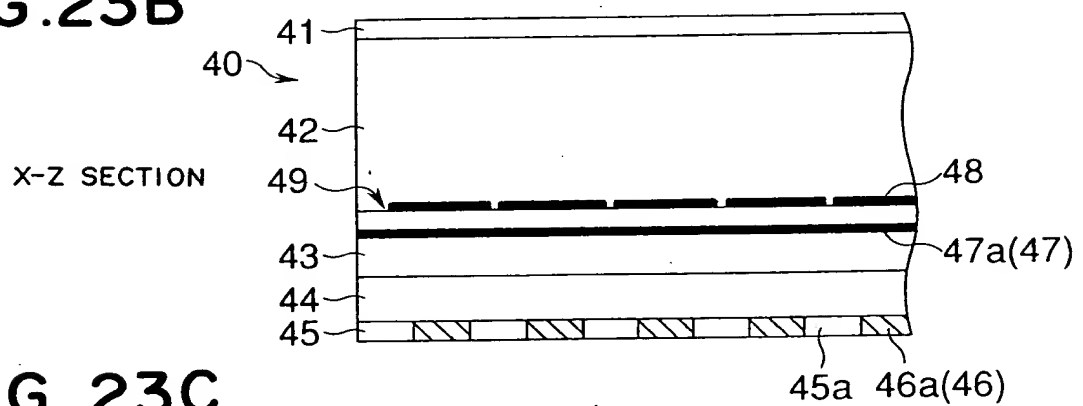
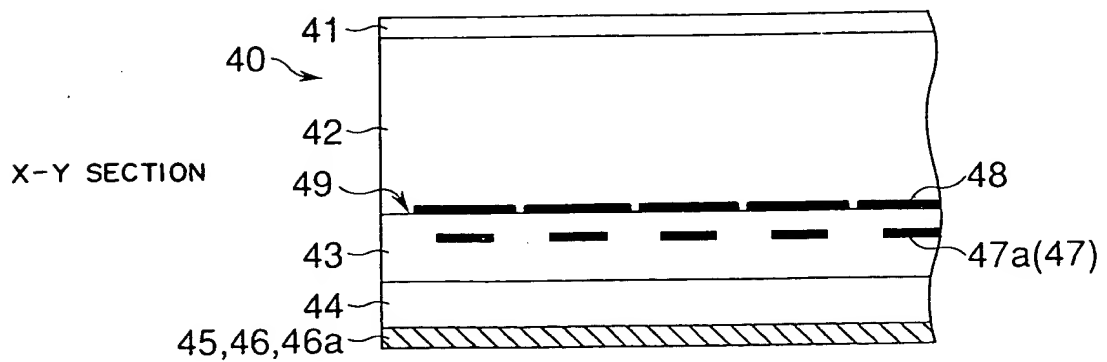
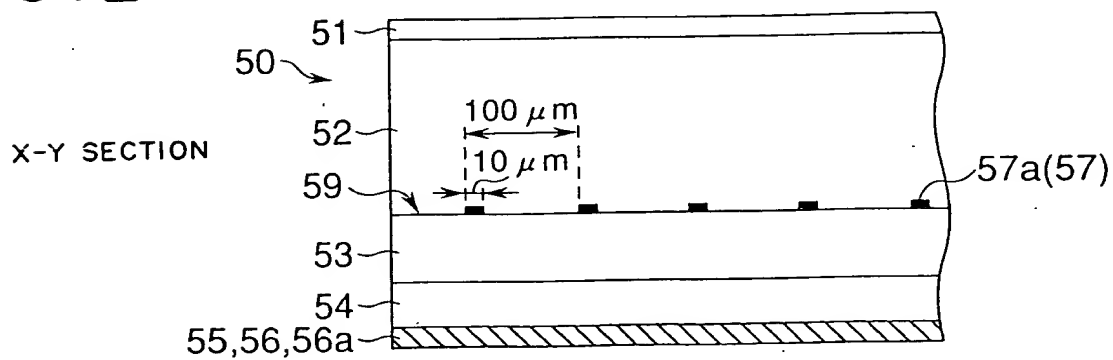


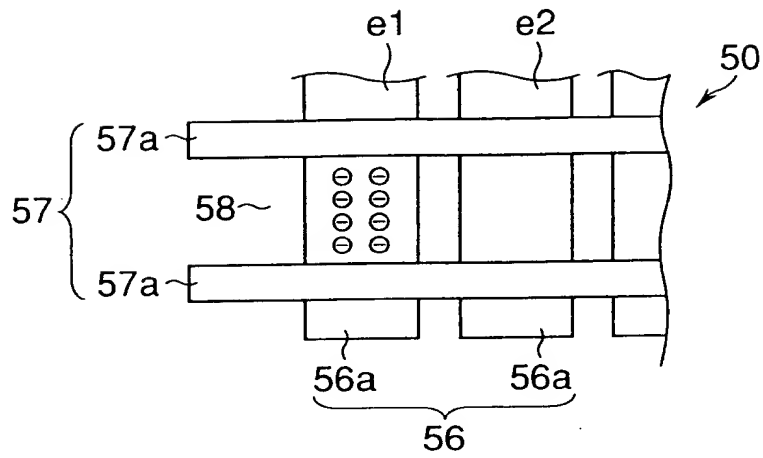
FIG. 23C



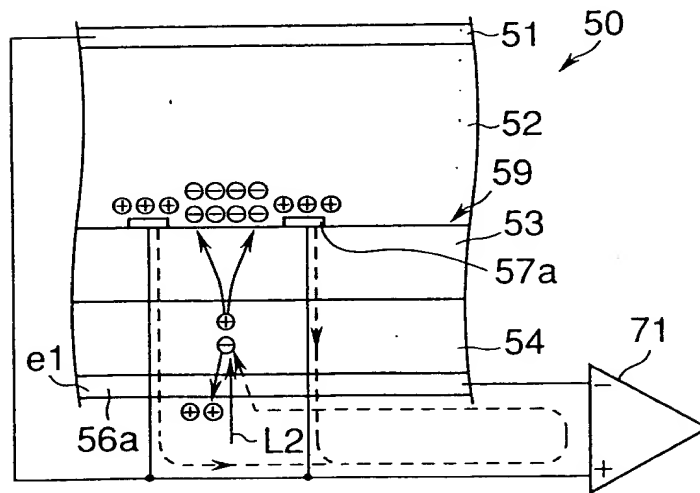
THE



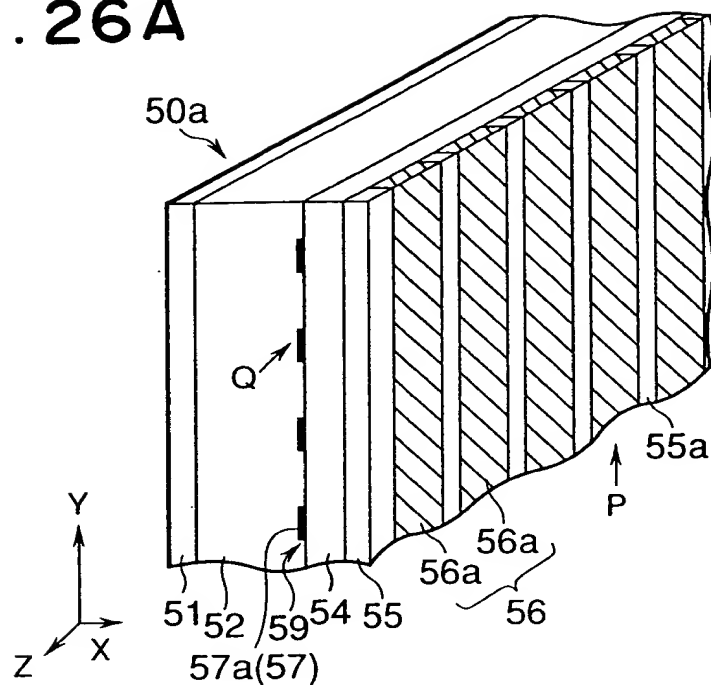
F I G . 25 A



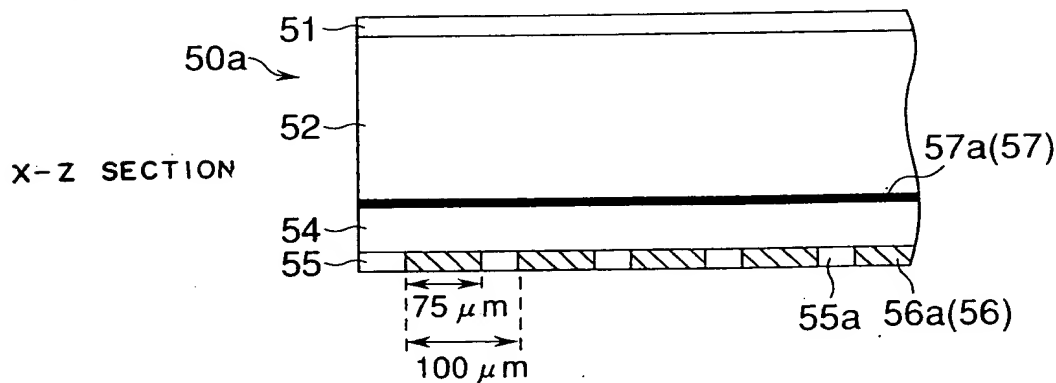
F I G . 25 B



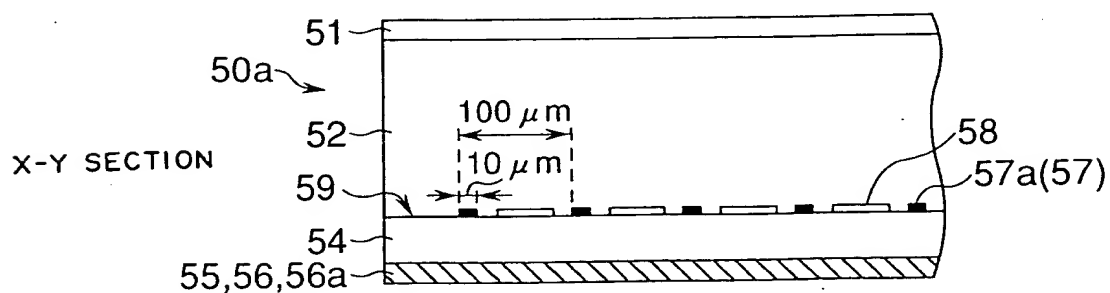
F I G . 26 A



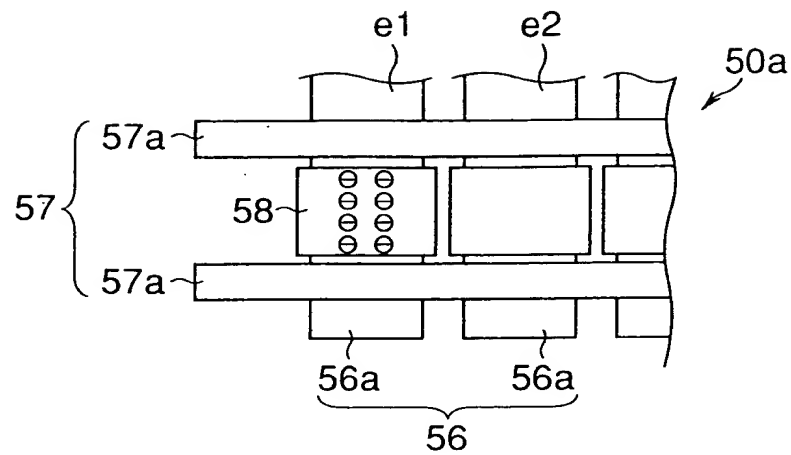
F I G . 26 B



F I G . 26 C



F I G . 27 A



F I G . 27 B

